

## Lecture 14

# PERSPECTIVE VIEWS :: BASICS



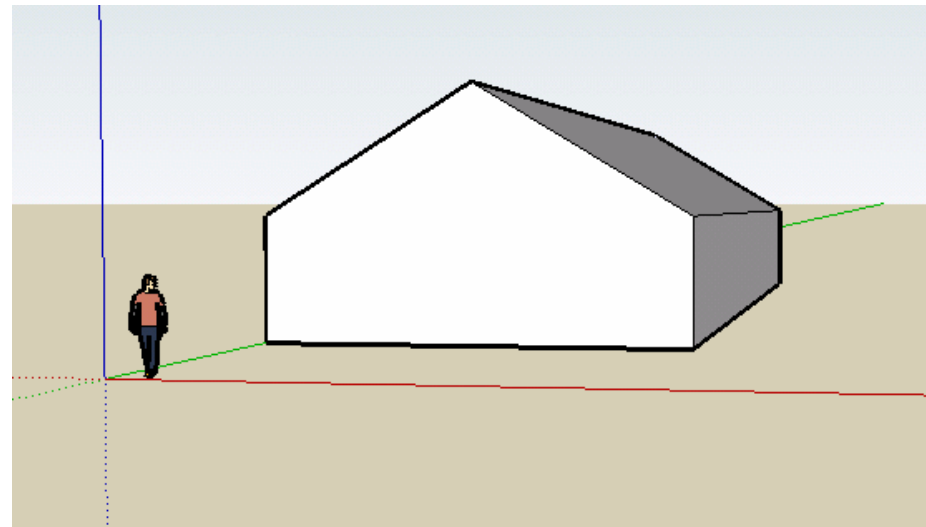
TA 101 : Engineering Graphics

2007-08 Semester II

January – May 2008

# OUTLINE

- Basics of Perspective Views
- Construction
  - 1 VP
  - 2 VPs



# PERSPECTIVE VIEWS

## :: BASICS

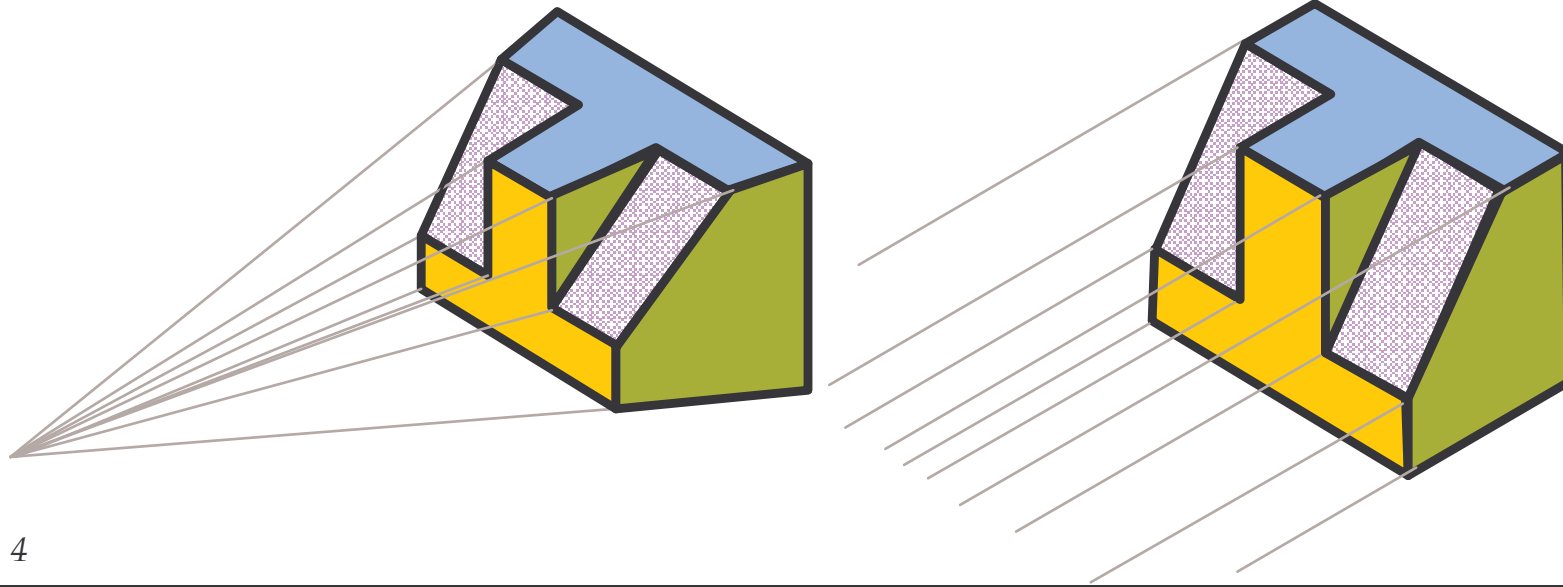
# CLASSIFICATION

- Pictorial views

## Pictorial Views

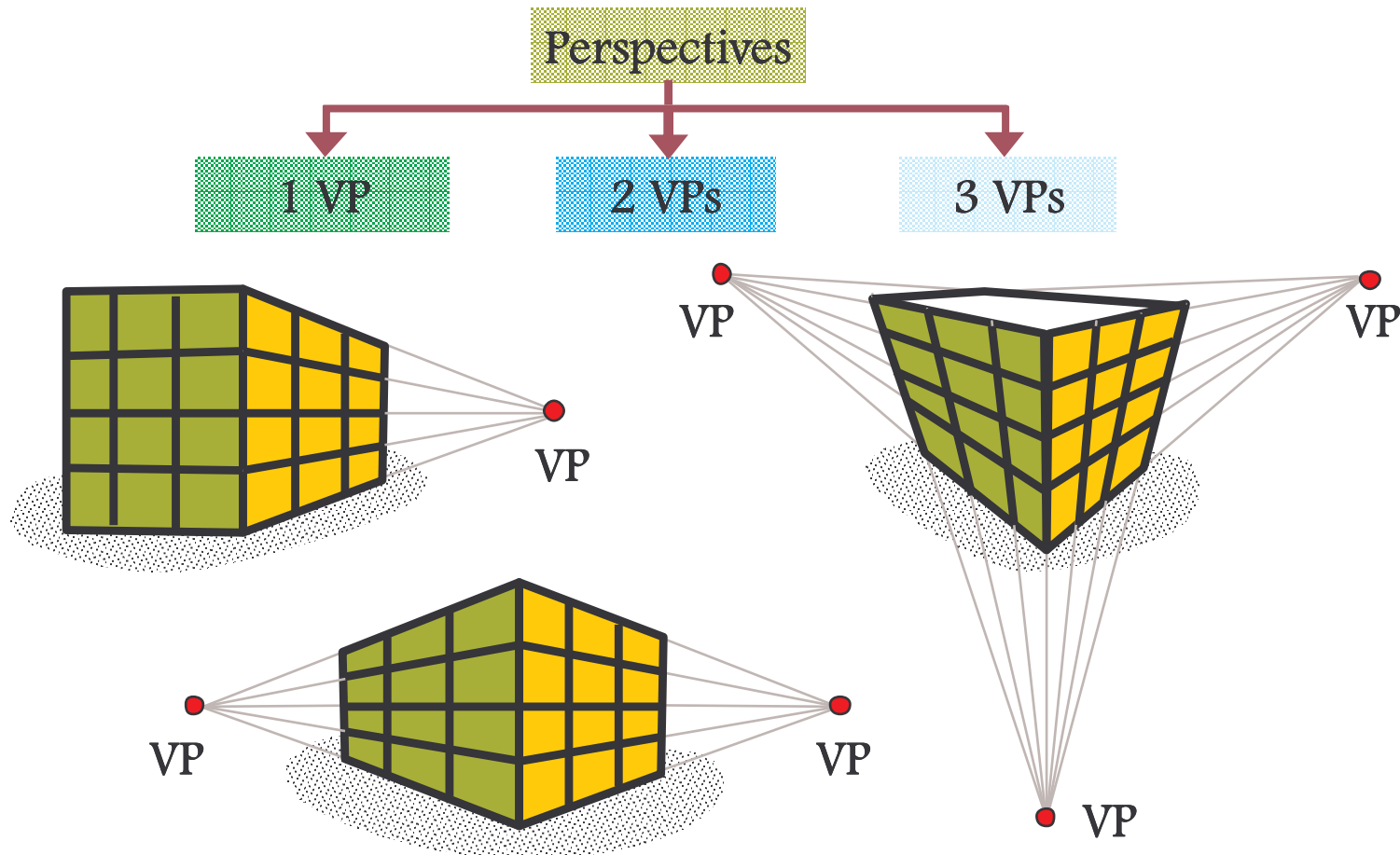
Viewing lines converge  
at a point  
*(Perspectives)*

All viewing lines  
are parallel  
*(Projections)*



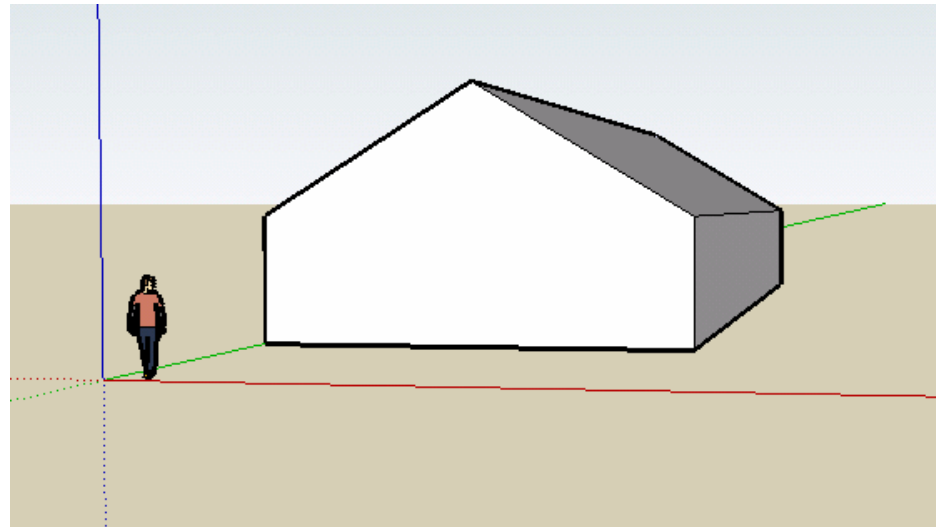
# CLASSIFICATION

- Perspective Views



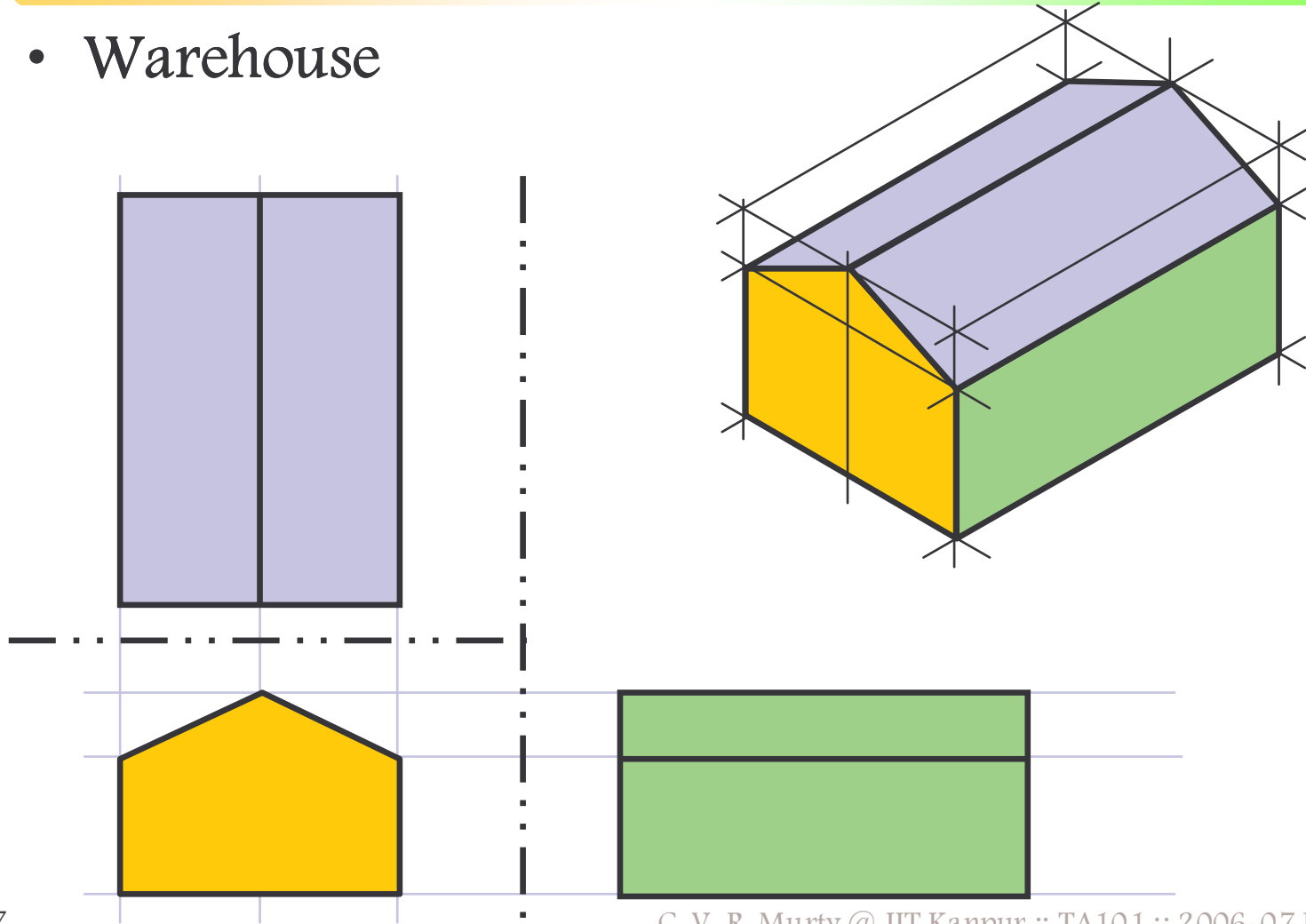
# SKETCH-UP DEMONSTRATION

- Examples
  - Warehouse
  - Chimney
  - Buildings
    - 2 Vanishing Points
    - 3 Vanishing Points



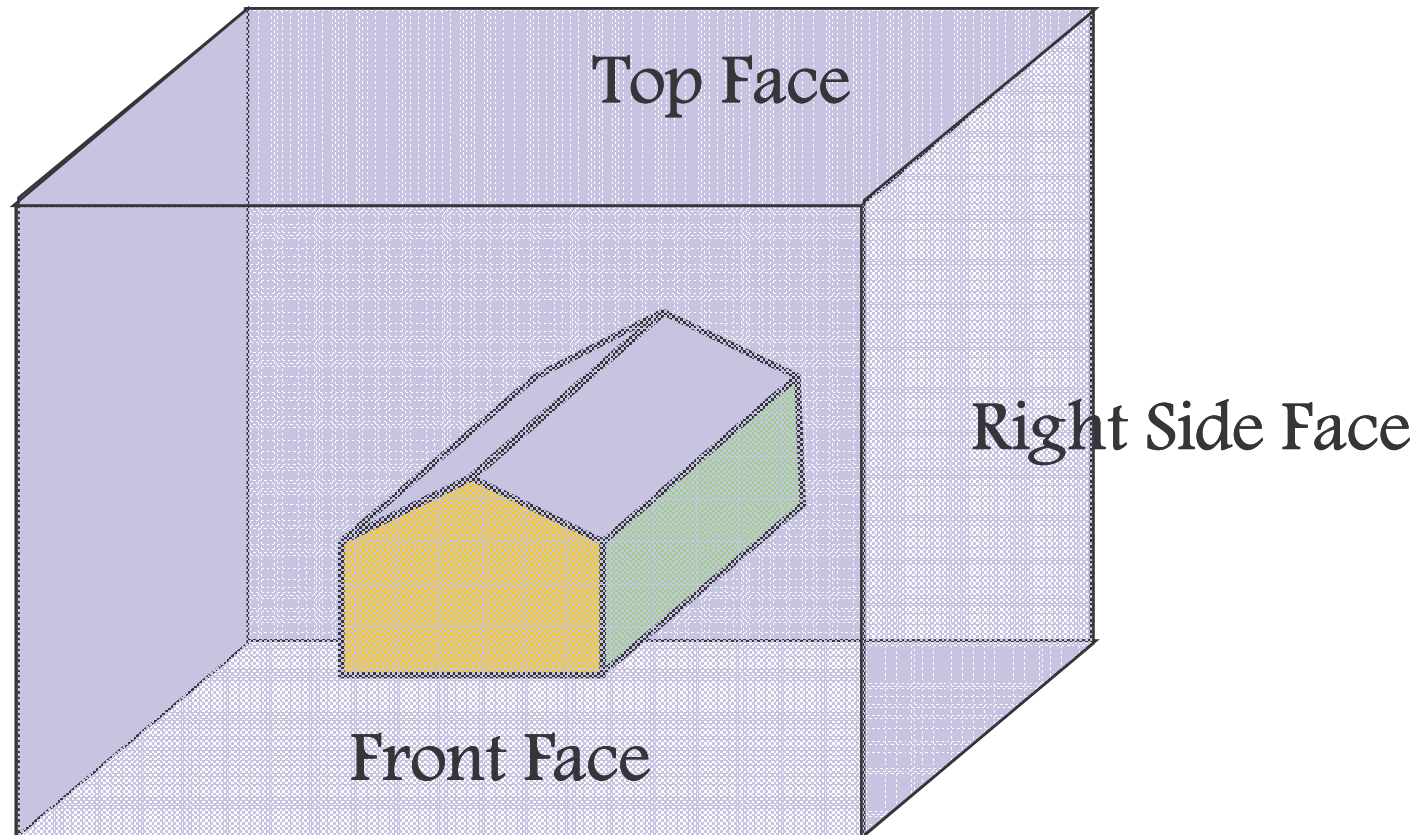
# SIGHT POINT

- Warehouse



# SIGHT POINT

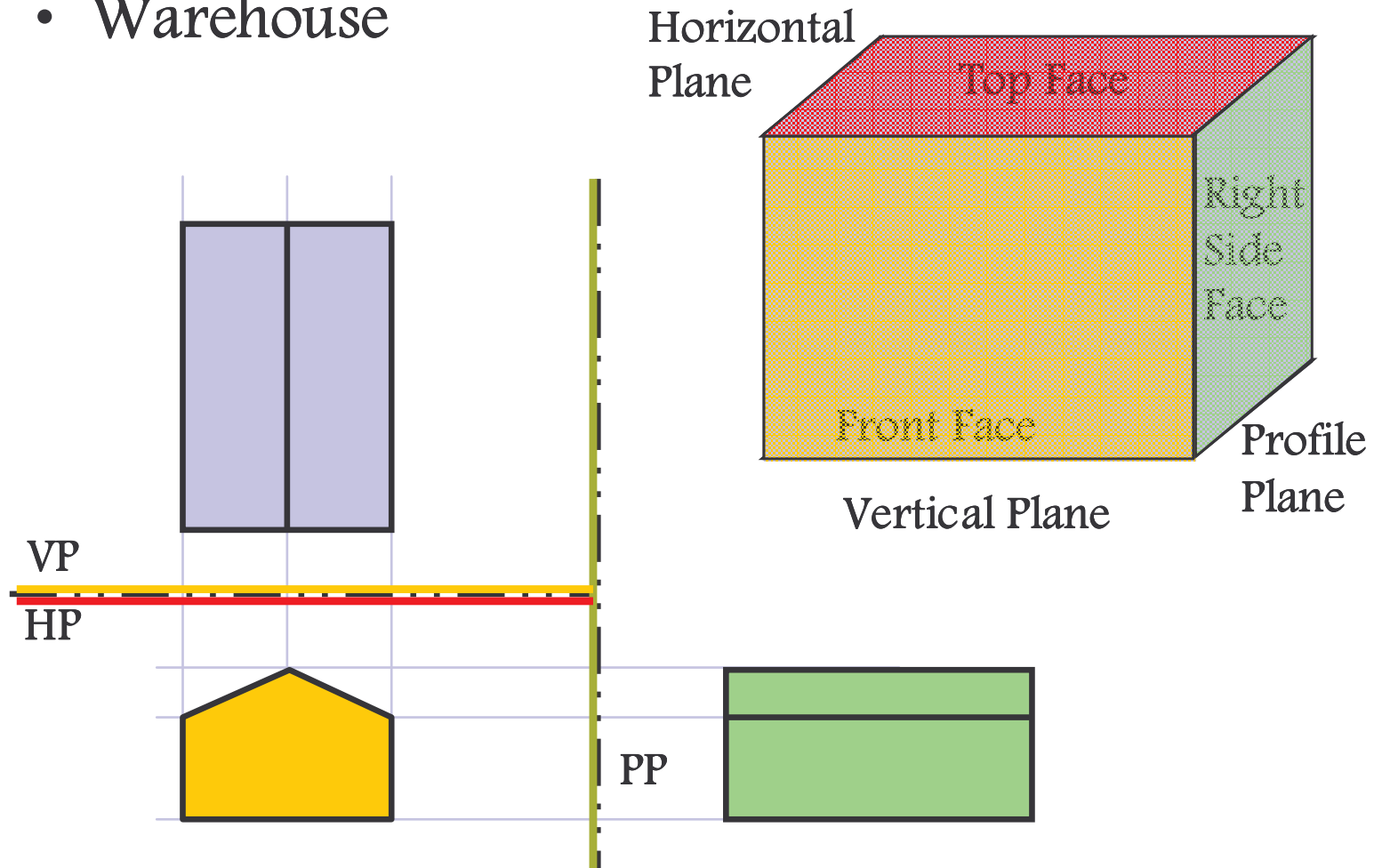
- Transparent Viewing Box





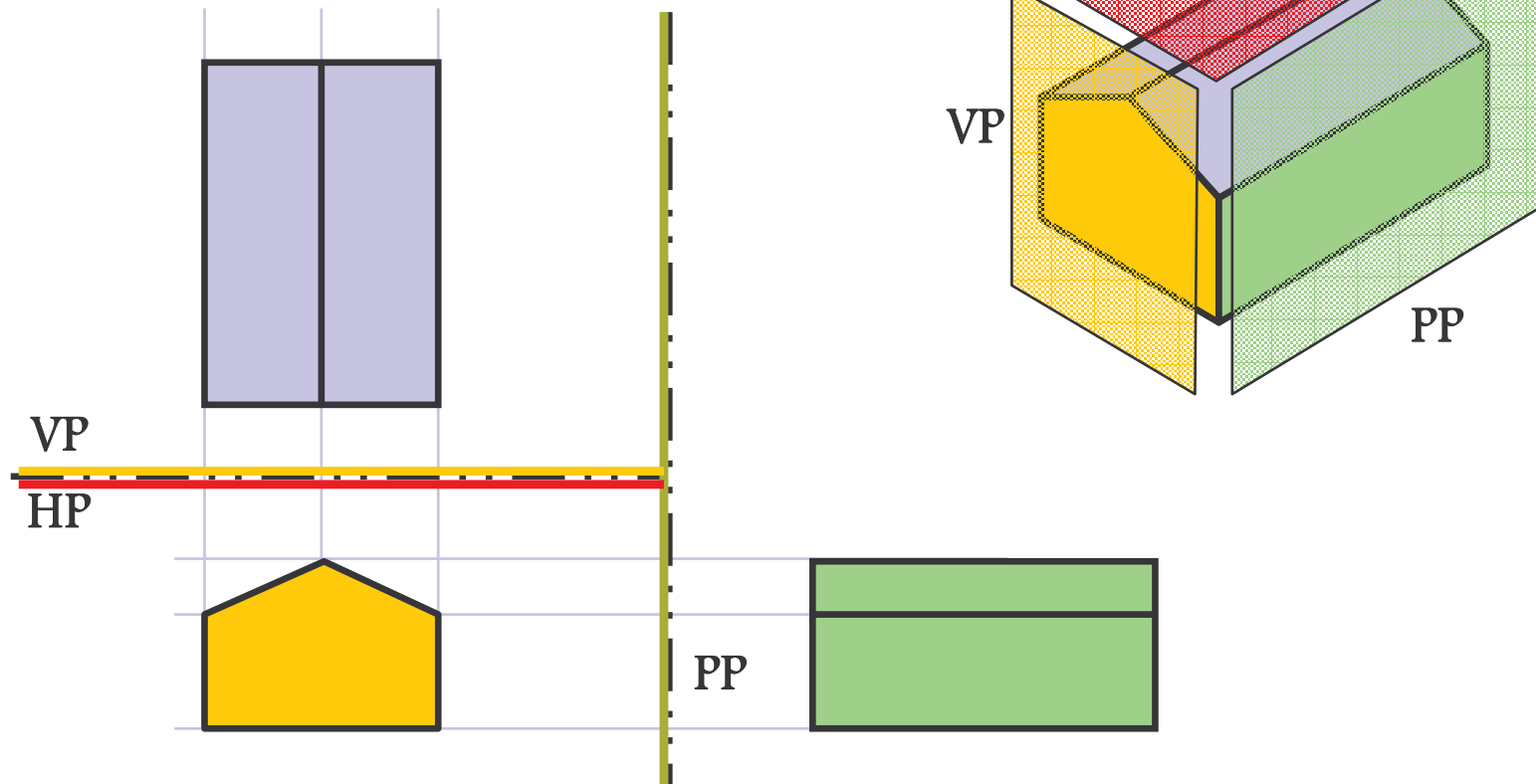
# SIGHT POINT

- Warehouse



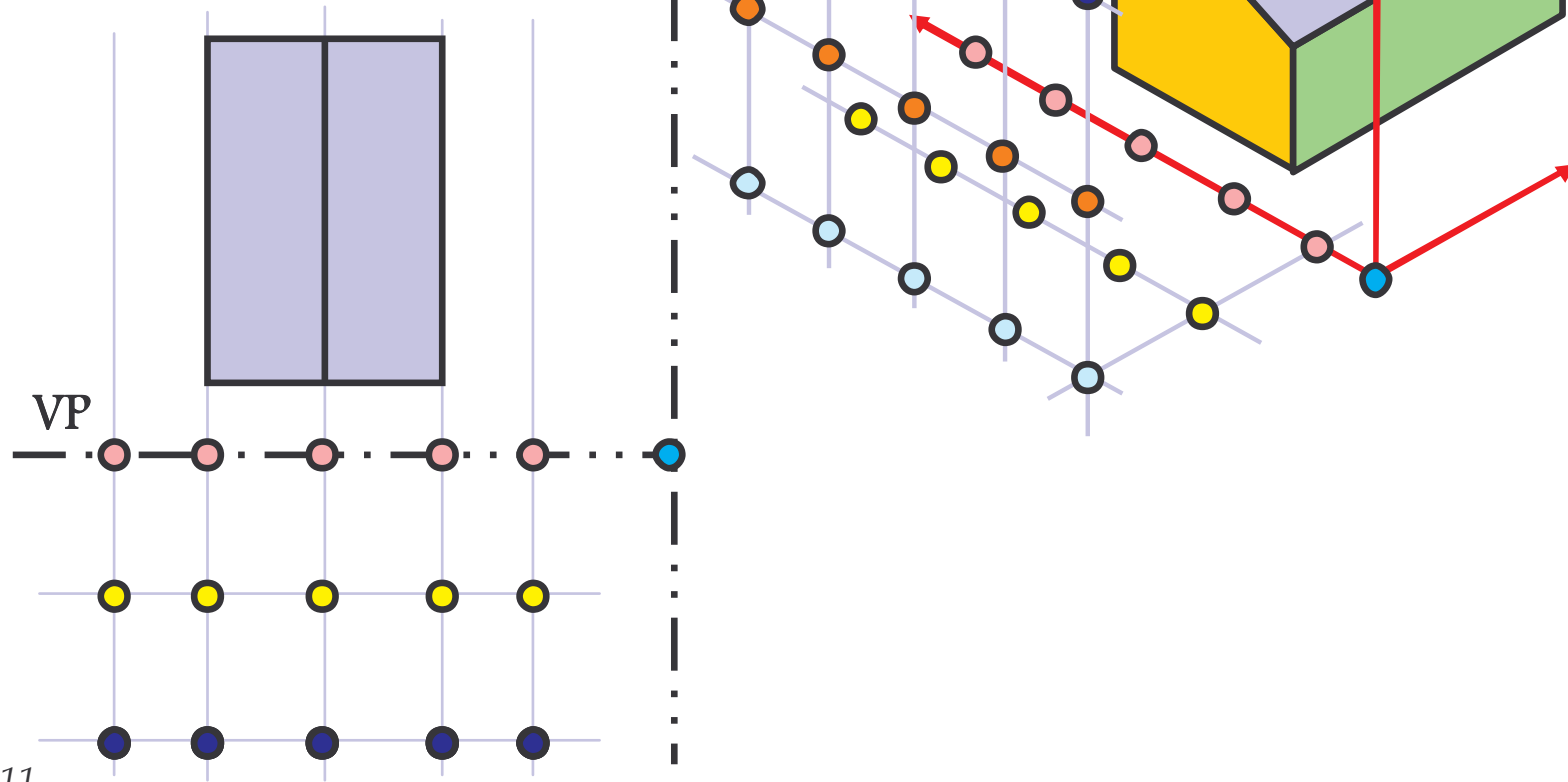
# SIGHT POINT

- Warehouse



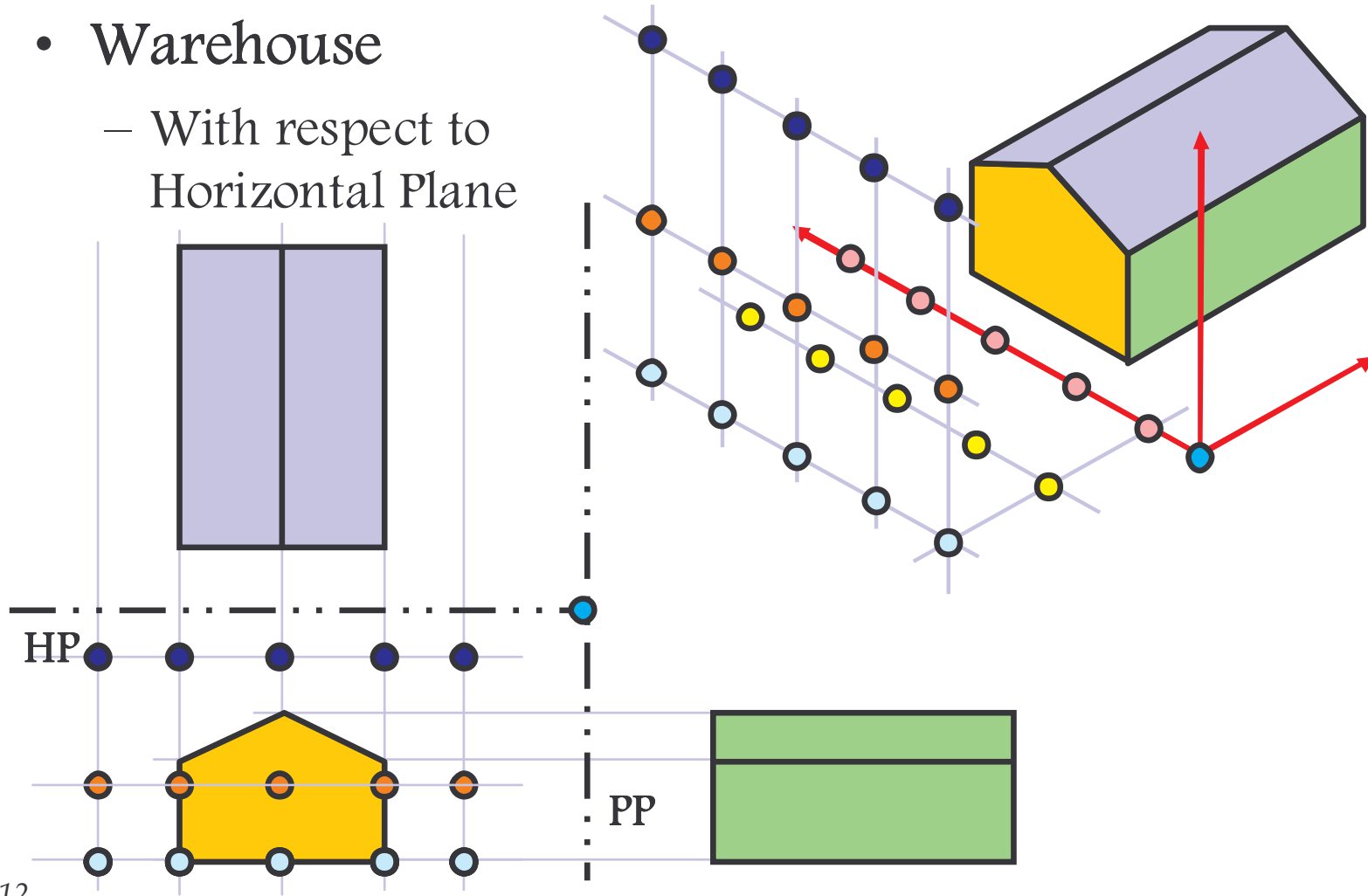
# SIGHT POINT

- Warehouse
  - With respect to Vertical Plane

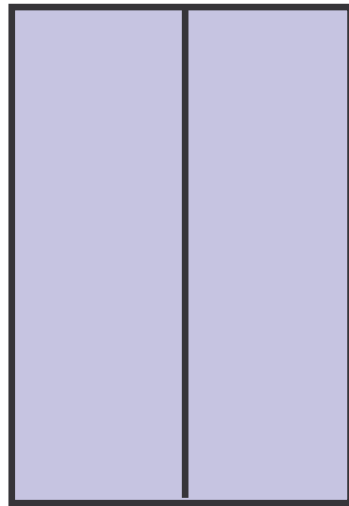


# SIGHT POINT

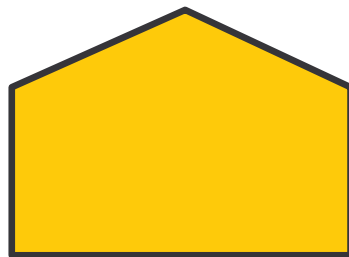
- Warehouse
  - With respect to Horizontal Plane



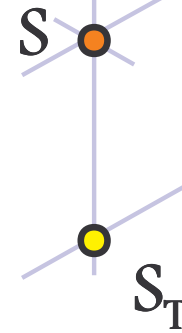
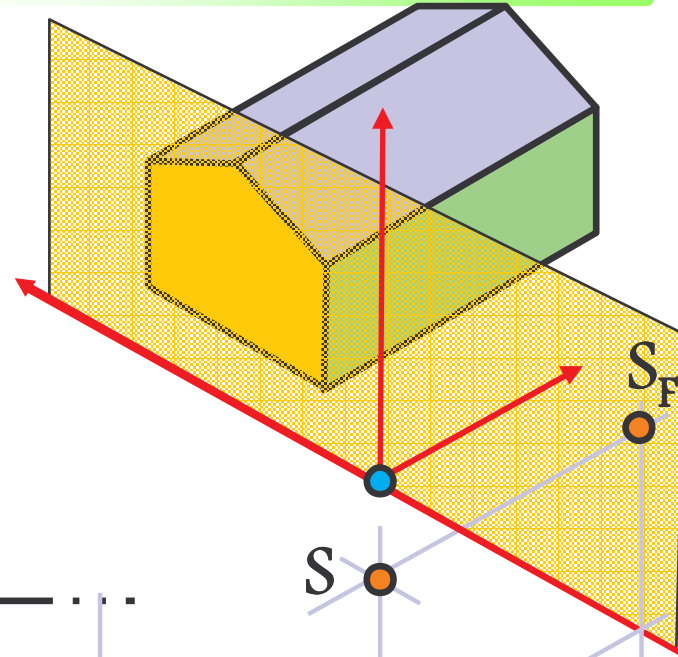
# SIGHT POINT



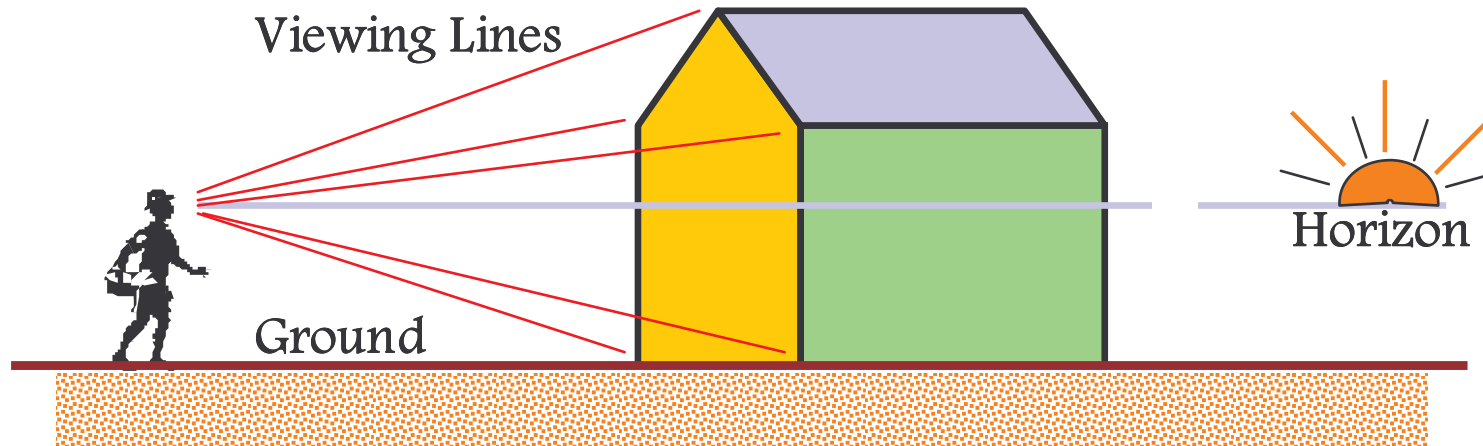
Top View



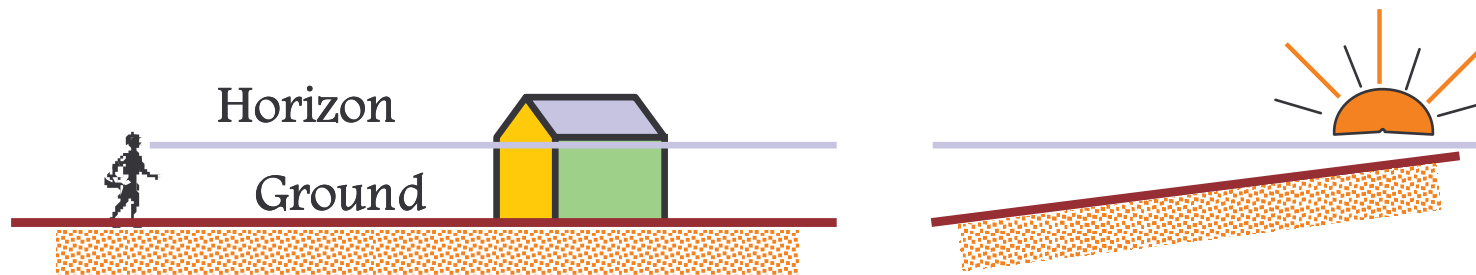
Front View



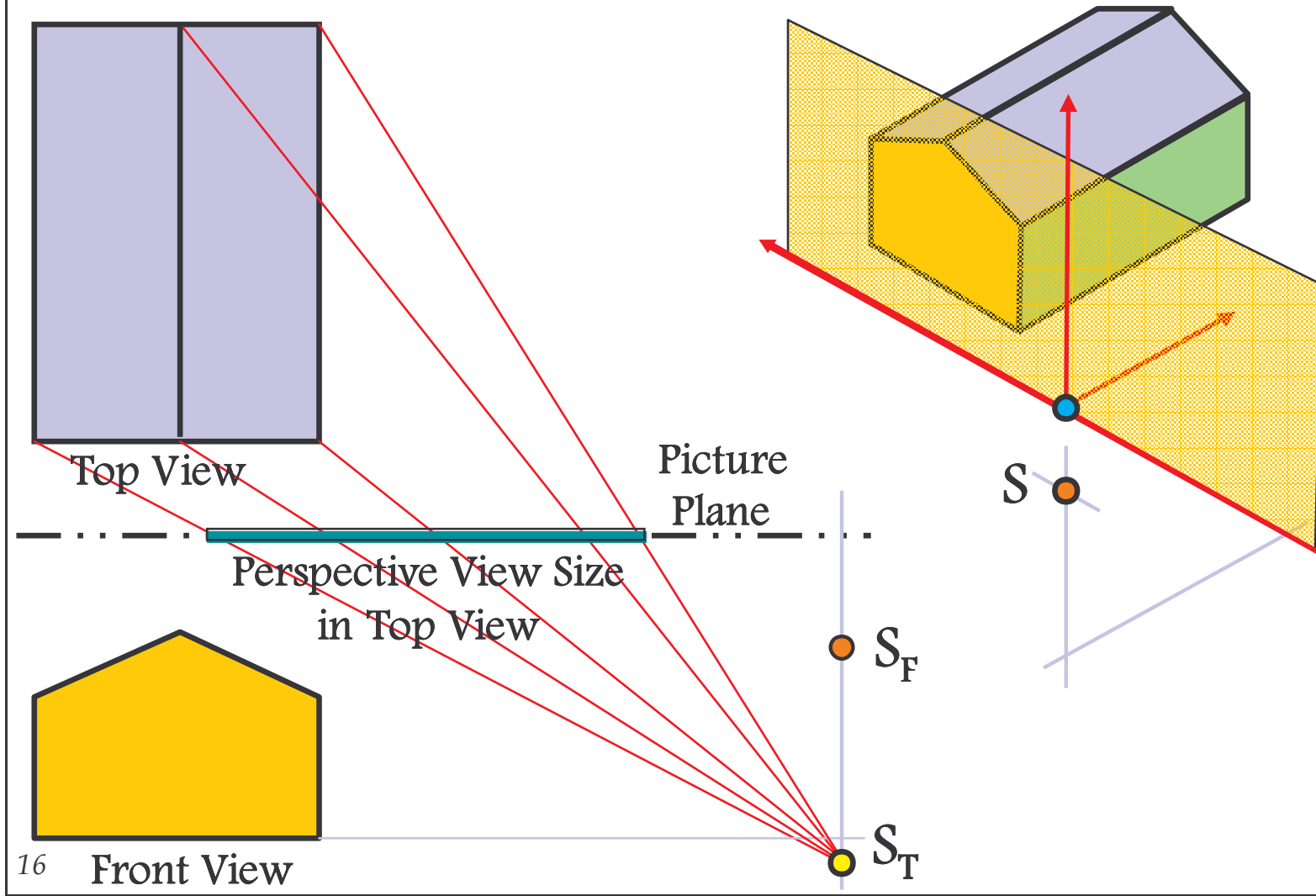
# HORIZON LINE



# HORIZON LINE



# PICTURE PLANE



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Front View

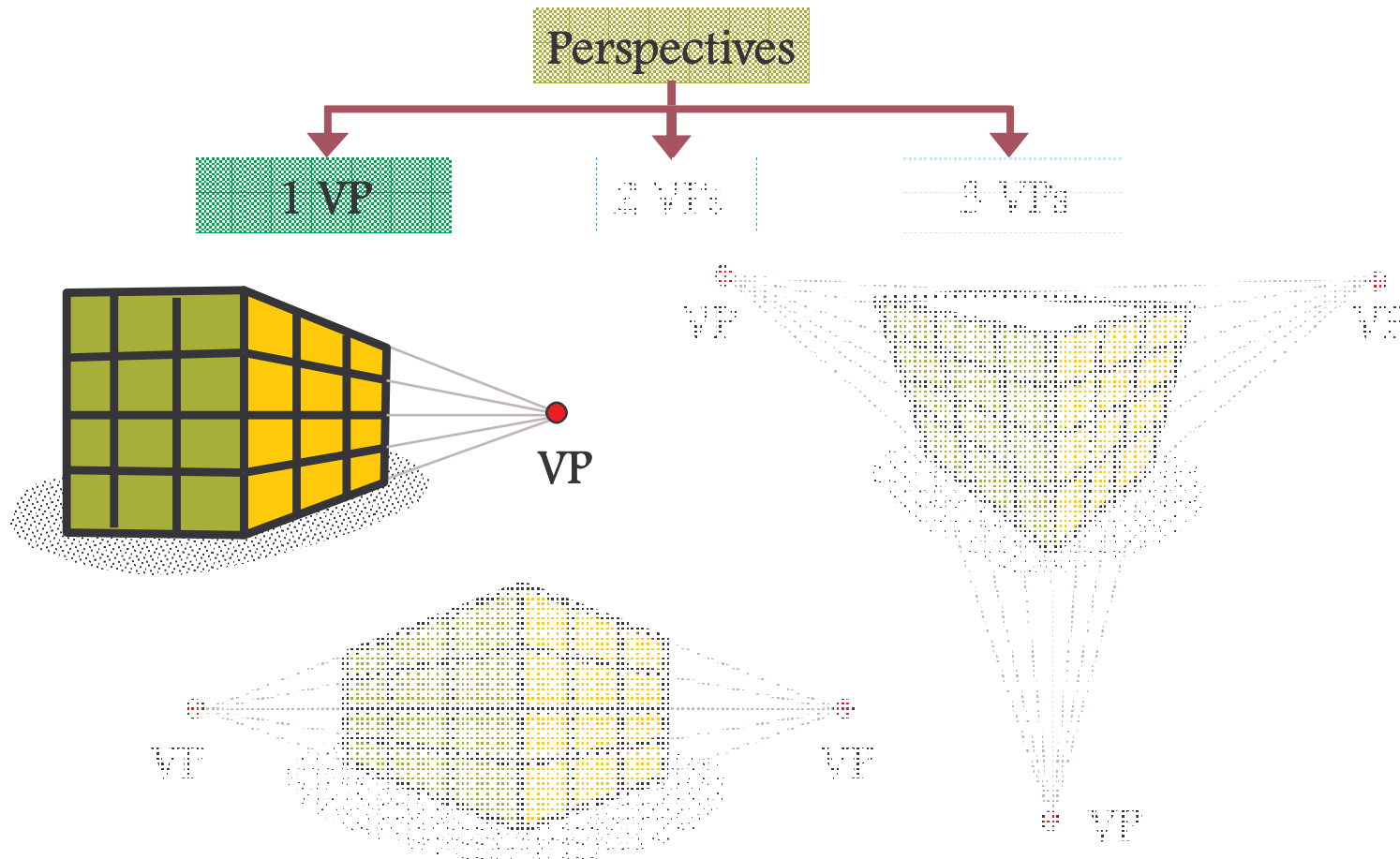




1 VP

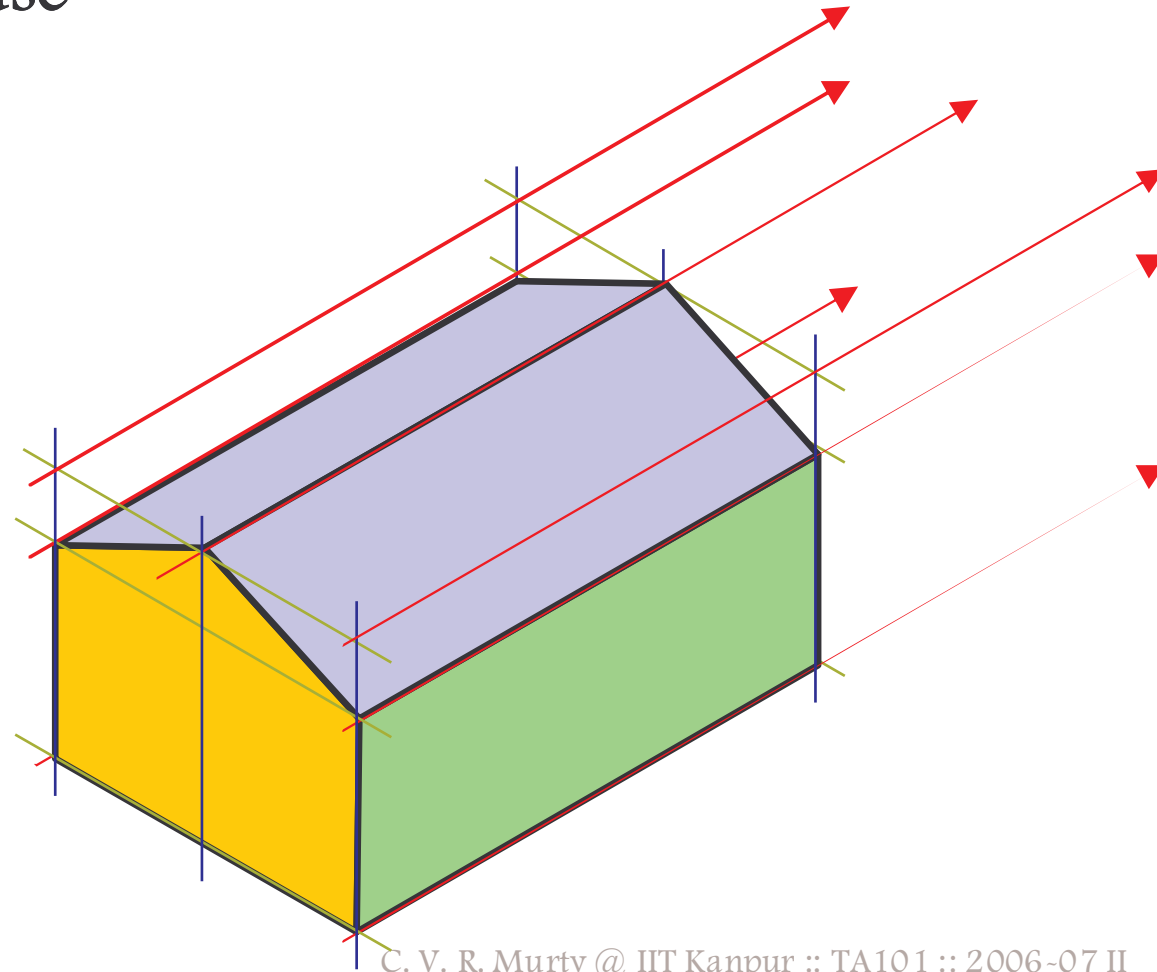
# CLASSIFICATION

- Perspective Views

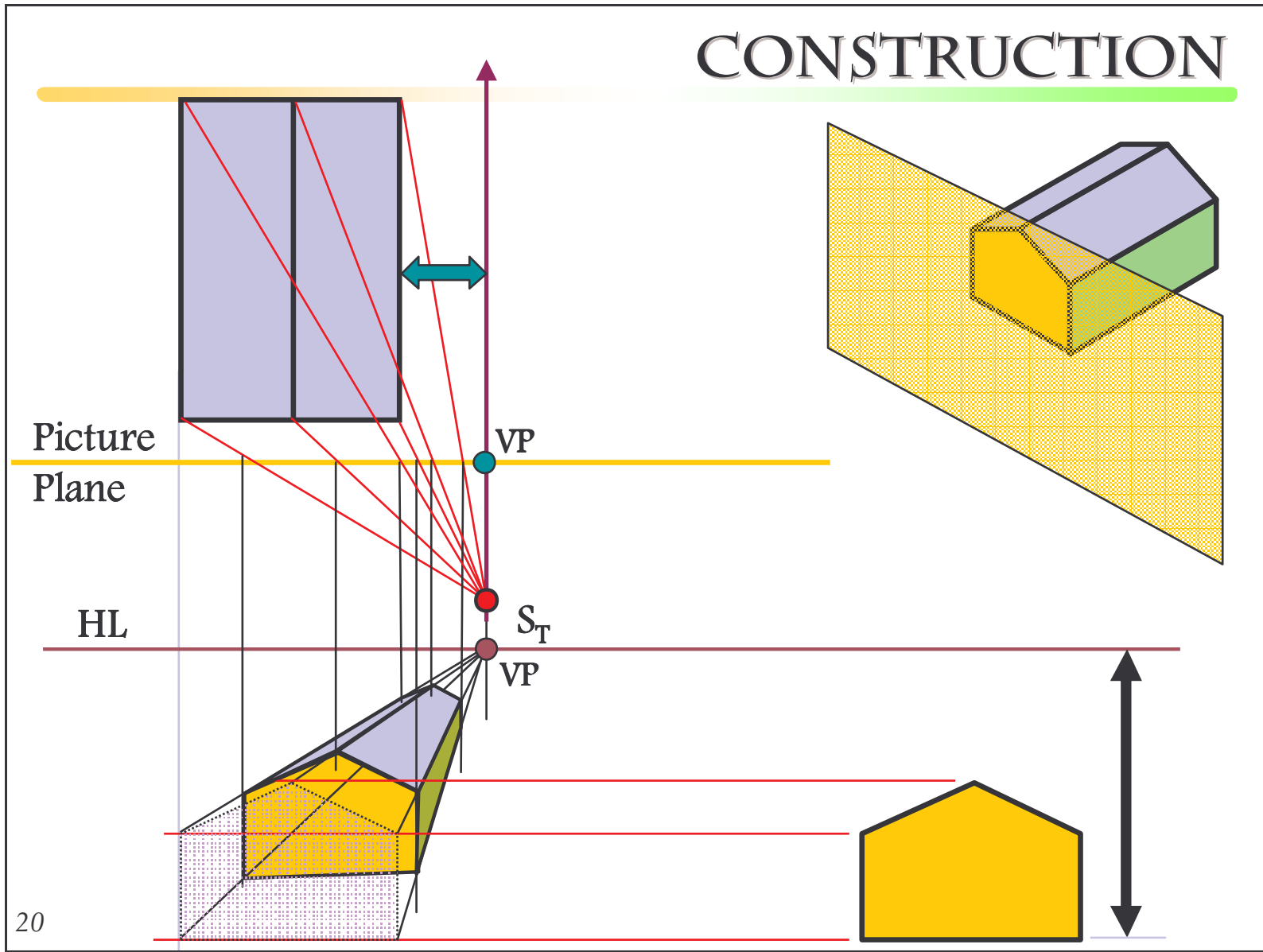


# ONE VANISHING POINT

- Warehouse



# CONSTRUCTION

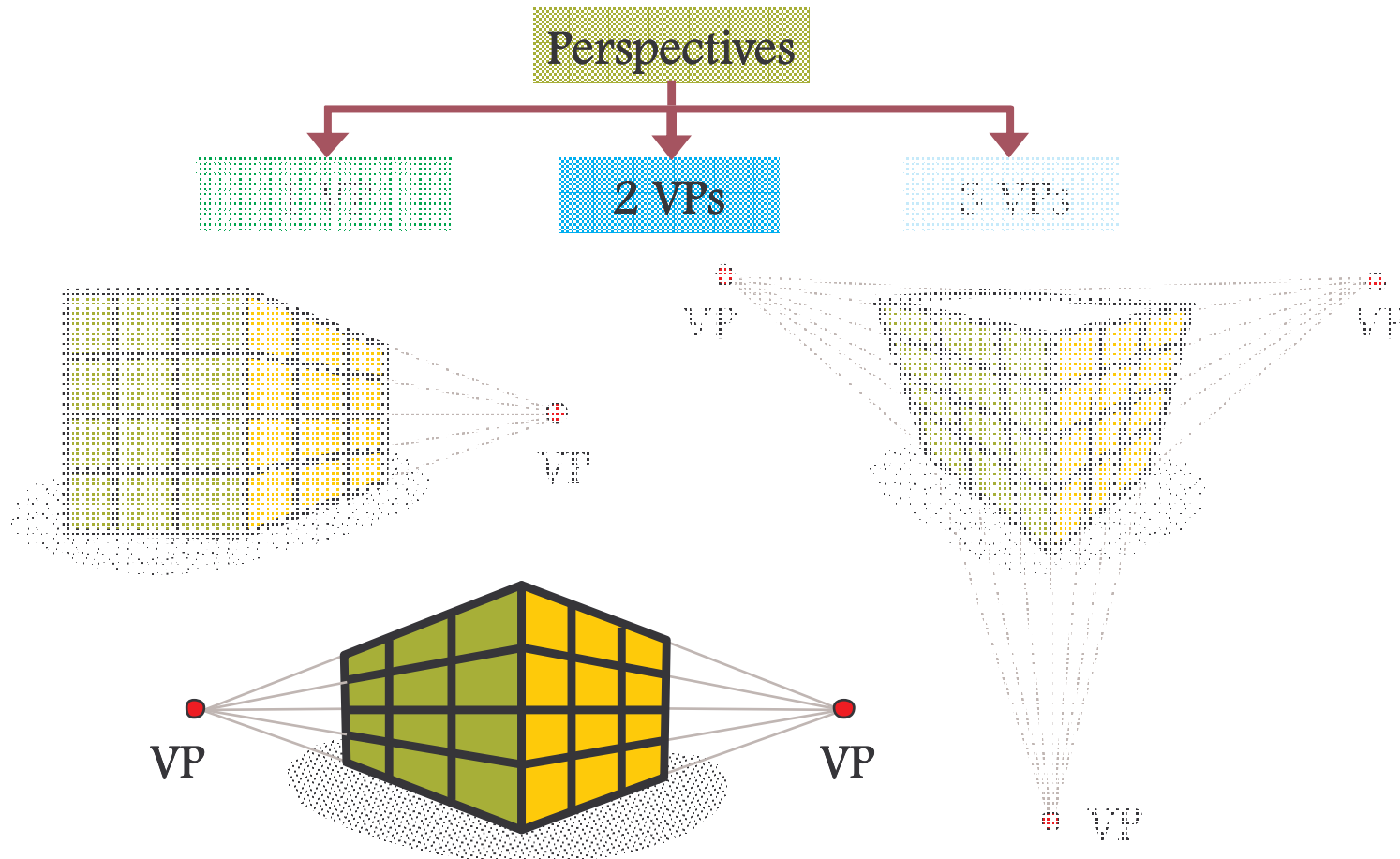




2 VPs

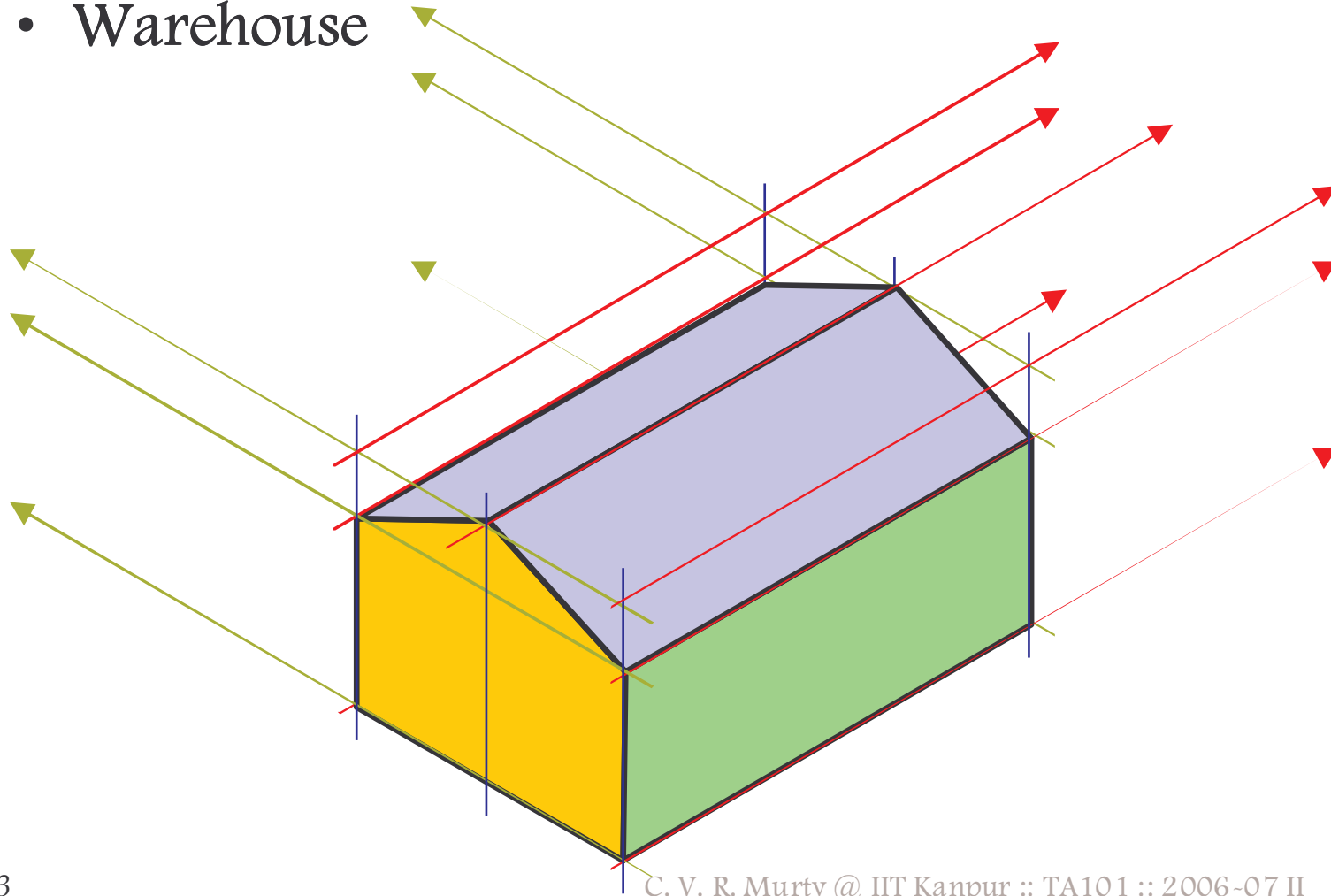
# CLASSIFICATION

- Perspective Views

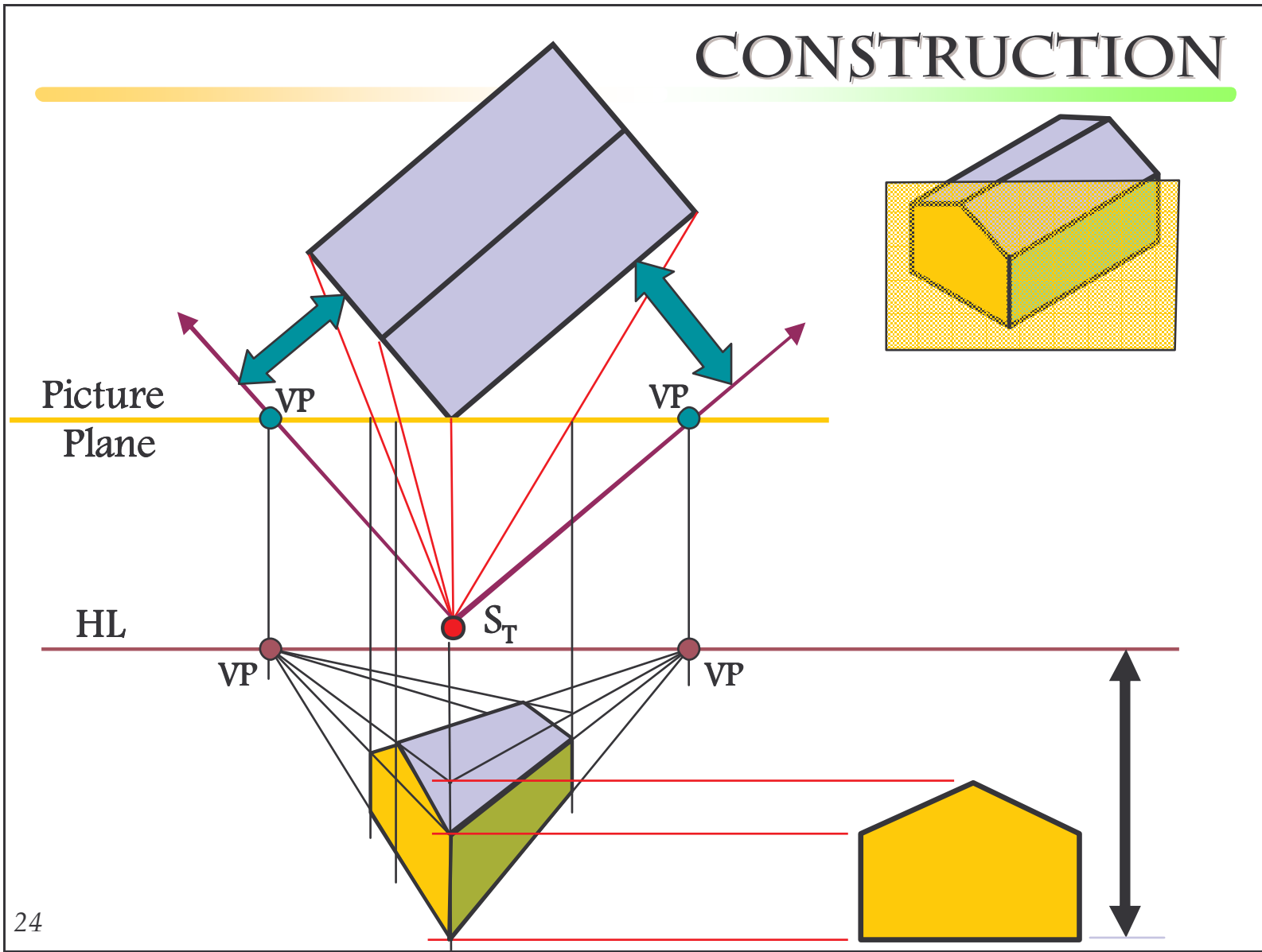


# TWO VANISHING POINTS

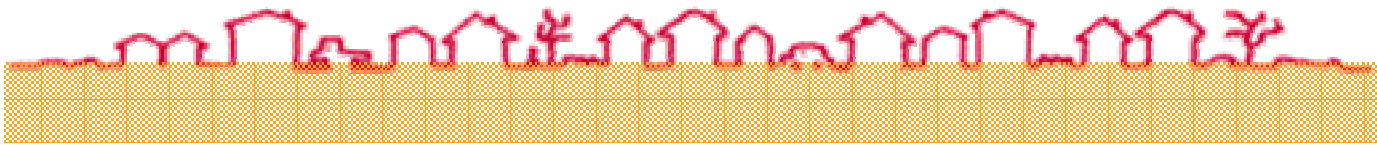
- Warehouse



# CONSTRUCTION







Have a Great Day!!

